Manhole Inspection Summary M			M	lanhole # S13MM_007MH		
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Inspection	☐ Is Incomplete	Rating: 3) Fair				
Record Plat: 13	BMM Node: <b>007</b>	Status: <b>Found</b>		Insp Date: 2/20/09 1:	04 PM	
Incomplete Comments				Crew: ADS1		
				Inspector: ADS1		
				Firm: <b>ADS</b>		
Location	Address: ELGIN AVE			Cross Street: <b>DUKELAND ST</b>		
Manhole	Type: <b>Junction</b> Lo	ocation: Alley		Ground Conditions: Dry		
	☐ Prev. Rehab W	eather: <b>Dry</b>	5	Subject To Ponding: <b>None</b>		
Comments						
Cover	Shape: Circular	Diameter: <b>25.</b> ( <b>75</b>	(in.) Leng	th: (in.) Dist A/B Grade: 0	(in.)	
	Type: Sanitary	Condition: Soun	nd	Cover Material: Cast Iron		
Properties: ☐ Bolted ☑ Vented ☐ Water Tight ☐ Water Tight Insert						
Frame Offset: 0 (in.) Condition: ✓ Sound ☐ Cracked ☐ Leaks						
Chimney / Frame Adjustment  ✓ Exists Material: Brick and Concrete  ☐ Parged Height: 3 (in.)						
Condition: ☐ Sound ✓ Cracked ☐ Root Intrusion ✓ Loose Brick ☐ Deteriorated						
Infiltration: ☑ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall						
Corbel	Material: <b>Brick</b>	☐ Parge	d Type:	Concentric/Eccentric		
Condition:	✓ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated					
Infiltration:	✓ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall					
Barrel	Material: <b>Brick</b>					
Shape: Circular Diameter: 40 (in.) Length: (in.)						
Condition:	Sound Cracked Root Intrusion Loose Brick Deteriorated					
Infiltration:	✓ None ☐ Joint	☐ Cracks ☐ Morta	ar ∐Ro	ots 🗌 Wall		
Bench	✓ Exists Material: Br	ick	☐ Parge	d		
Condition:	✓ Sound ☐ Cracked	☐ Root Intrusion	Deteri	orated Leaks Debris		
Channel	Material: Brick					
Channel Exposure: Fully Open Junc Dist: 0 nearest .5 ft. Azimuth:						
Condition:	✓ Sound ☐ Cracked	☐ Root Intrusion	Deteri	orated Leaks Debris		
Steps	teps Count: 10 Missing: 0 Corroded					
Surcharge	✓ Evidence Of Surch	narge Depth: 4 (f	ft.)	ve Surcharge Present		

# **Manhole Inspection Summary**

# Manhole # S13MM\_007MH

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Location View



Top View

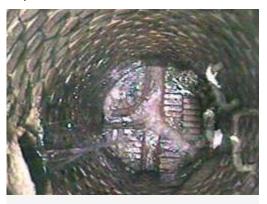


Defect 1



CHIMNEY/FRAME ADJUSTMENT CRACK/LOOSE BRICKS

# Top View



Defect 2



EVIDENCE OF SURCHARGE AND CORRODED STEPS

### **Manhole Inspection Summary**

#### Manhole # S13MM\_007MH

12 O'Clock Outflow

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# 10 in. Circular Gravity Sewer Pipe Out @ 12 O'Clock



Pipe Height: 6 (in.) Rod and Bar

Pipe Material: Clay

Invert Depth: 18.76 (ft.) Flow Characteristics: Fast

Deposits: ✓ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Sound

Drop: None

Connects To: Manhole

Possible Illicit Connection

#### 8 in. Circular Gravity Sewer Pipe In @ 5 O'Clock



Pipe Height: 3.6 (in.) Rod and Bar

Pipe Material: Clay

Invert Depth: 13.90 (ft.) Flow Characteristics: Fast

Silt Depth: (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Sound

# 5 O'Clock Inflow Drop In @ 5 O'Clock



Drop: Outside Direct

Angled: Reading: (ft.)

Inv Depth: 17.68 (ft.)

Drop Condition: Open

Connects To: Connecting Node Not

Available

Possible Illicit Connection

### **Manhole Inspection Summary**

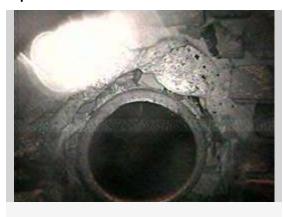
#### Manhole # S13MM\_007MH

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6 O'Clock Inflow

#### 10 in. Circular Gravity Sewer Pipe In @ 6 O'Clock



Pipe Height: (in.) Direct

Pipe Material: Clay ☐ Pipe Lined

Invert Depth: 10.96 (ft.) Flow Characteristics: Fast

Deposits: ✓ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Cracked

Drop In @ 6 O'Clock

Angled: Reading: (ft.)

Direct

Inv Depth: 18.36 (ft.)

Drop Condition: Open

Drop: Outside

Connects To: Manhole

Possible Illicit Connection

#### 10 in. Circular Gravity Sewer Pipe In @ 9 O'Clock



Pipe Height: 4.8 (in.) Rod and Bar

Pipe Material: Clay Pipe Lined

Invert Depth: 10.57 (ft.) Flow Characteristics: Fast

Deposits: ✓ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Deposits Extent: Silt Depth: (in.)

Infiltration: None Pipe Seal Cond: Sound

#### 9 O'Clock Inflow

#### Drop In @ 9 O'Clock



Drop: Outside Direct

Angled: Reading: (ft.)

Inv Depth: 18.30 (ft.)

Drop Condition: Open

Connects To: Manhole

Possible Illicit Connection